Math 8: Transition to higher mathematics

TTh 2-3:15pm, GIRV 2129

Instructor: Xin Zhou
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Office Hours: Tuesday 3:30-5:00 PM, Thursday 3:30-5:00 PM at South Hall 6501

Teaching Assistant: Ebrahim Ebrahim
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Office Hours: Wednesday 4:30-5:30 in SH6431T.

Textbooks:
• *A Concise Introduction to Pure Mathematics*, by Martin Liebeck, Fourth Edition. We plan to cover Chapters 1-3, 5, 8, 10-13, 17-19, 21. The precise plan may be revised depending on how the course material goes.

Discussions: Both discussion sections meet on Monday and Wednesday. Time:

• Section 1: MW 7:00pm - 7:50pm, PHELP1448;
• Section 2: MW 6:00pm - 6:50pm, GIRV 2116

Math Lab: TBA by the TA.

Homework: Homework will be assigned weekly on GauchoSpace (except for the two midterm weeks), and the due time will be Friday, 5pm. Please hand in Homework either to TA’s mailbox or in any of the discussion section before the due time. The lowest homework grade will be dropped. You may discuss homework problems with your classmates, but you must write up your own solutions and state the names of your collaborators. You are expected to write proofs neatly and clearly, using complete sentences.

Note: *Late homework will not be accepted.*

Exams: There will be two midterm, tentatively scheduled for Tuesday, April 24th and Tuesday, May 15th. *We will take the maximum score between these two midterm exams as the midterm grade in the final grade.* Makeup exams will be given only for documented reasons and only if you contact me before the exam begins.

The final exam will be held on Tuesday, June 12th from 4pm - 7pm.

Grading: The final grade on the course will be determined as follows:

• homework 30%,
• midterm 30%,
• final exam 40%.

Academic Integrity: [http://judicialaffairs.sa.ucsb.edu/AcademicIntegrity.aspx](http://judicialaffairs.sa.ucsb.edu/AcademicIntegrity.aspx)

Anyone caught cheating (this includes copying answers from the Internet or from another student) will receive a written warning and a zero on that assignment or exam for the first offense, and will fail the course for the second offense.